

Title (en)

SILICON-BASED REPAIR METHODS AND COMPOSITION

Title (de)

SILICIUMBASIERTE REPARATURVERFAHREN UND ZUSAMMENSETZUNG

Title (fr)

PROCÉDÉS ET COMPOSITION DE RÉPARATION À BASE DE SILICIUM

Publication

**EP 3040387 A1 20160706 (EN)**

Application

**EP 15201549 A 20151221**

Priority

US 201514589021 A 20150105

Abstract (en)

There is set forth herein a silicon-based patch formulation comprising about 25 to 66 percent by volume of a solvent; about 4 to 10 percent by volume of a silicon-comprising binding material; and about 30 to 65 percent by volume of a patching material, the patching material comprising particles having one or more non-actinide Group IIIA elements, wherein a molar ratio of the one or more non-actinide Group IIIA elements to silicon within the patch formulation is about 0.95 to 1.25.

IPC 8 full level

**C09D 183/04** (2006.01); **B29C 73/02** (2006.01)

CPC (source: CN EP US)

**B29C 73/02** (2013.01 - EP US); **C04B 26/32** (2013.01 - CN); **C04B 41/00** (2013.01 - EP US); **C04B 41/009** (2013.01 - EP US); **C04B 41/5024** (2013.01 - CN EP US); **C04B 41/85** (2013.01 - CN); **C04B 41/87** (2013.01 - EP US); **C08K 3/34** (2013.01 - US); **C08K 3/36** (2013.01 - US); **C09D 183/04** (2013.01 - EP US); **C23C 24/10** (2013.01 - EP US); **B29K 2083/00** (2013.01 - EP US); **C08K 2003/221** (2013.01 - US); **C08K 2003/2213** (2013.01 - US)

Citation (applicant)

US 201414204367 A 20140311

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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